	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De	Er ro rs
1	BRS	102277	(interconnect\$5 connect\$5) same (:printed circuit\$2 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGPUB				0
2	BES	994497	scloplate\$1 \$9plate	USPAT; US-PGFUB	2003/02/ 20 17:57			C
3	BRS	93406	((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5))	USPAT; US-PGFUE				Ü
4	BES	400729	fiber waveguide (wave nearl guid\$3)					Ó
5	BFS	7203	(fiber waveguide (wave nearl guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGFUP	2003/02/ 20 17:58			()
б	BES	1381222	contact\$1		2003/02/ 20 17:51			Û
7	BES	417028	(c:cl\$4 same (liquid\$2 water flurd\$2 alcohol))	USPAT; US-PGFUB	1003/01/ 10 17:55			Ċ
8	BRS	102277	<pre>(interconnect\$5 connect\$6) same ((printed circuit\$2 electr\$5) near7 (board\$1 cari\$1))</pre>	USPAT; US-PGPUB				G
9	BFS	7203	(fiber waveguide (wave nearl guid\$3 ) same (printed dirouit\$7 electr\$5 near/ (board\$1 dard\$1))	USPAT; US-P3FUE	2103/02/ 2. 18:27			
10	BES	99406	((heat thermal) near3 (remov\$4 drain\$4 serarat\$4 isolat\$5))		2003/02/ 20 18:02			ć

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro De fi ni ti on	Er ro rs
11	BRS	87	<pre>waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4</pre>	USPAT; US-PGPUB				0
12	BRS	182456	idaile ann a sail	USPAT; US-PGPUB				0
13	BRS	74	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1	USPAT; US-PGPUB				0

	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Dе	Er ro rs
14	BRS		((((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5!))) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4) connect\$5))) and (vendier alcatel)		2003/02/ 20 18:14			0
15	BRS	67	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5 near7 (board\$1 card\$1))) and ((printed circuit\$2 electr\$5 near7 (board\$1 card\$1))) and ((heat thermal near3 (remov\$4 drain\$4 separat\$4 isclat\$5)))) and ((optic\$2 fiber (wave near1 guid\$3) waveguide\$1) same ((interconnect\$4)	USPAT	2003/02/ 20 18:15			0

	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
16	BRS		<pre>((((cool\$4 same   (liquid\$2 water   fluid\$2 alcohol)) ) and ((interconnect\$5   connect\$5) same   ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1))  \( \)   and ((fiber   waveguide (wave near1   guid\$3)) same   ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1)) \( \)   and (((heat thermal)   near3 (remov\$4   drain\$4 separat\$4   isolat\$5)) )) and   ((optic\$3 fiber (wave   near1 guide\$3)   waveguide\$1)</pre>	USPAT; US-PGPUB				0
17	BRS		((((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave nearl guid\$3)) same ((printed circuit\$2 electr\$5) near7 (bcard\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isclat\$5)))) and ((optic\$3 fiber (wave nearl guide\$3) waveguide\$1) same	EPO; JPO	2:003/02/ 21 12:21			0

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro r De fi ni ti on	Er ro rs
18	BRS	51		USPAT; US-PGPUB				0
19	BRS	7	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)); and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)); and ((fiber waveguide (wave near1 guid\$3) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)); and ((theat thermal, near3 (remov\$4 drain\$4 separat\$4 isolat\$5));	US - PGPUB	2003/02/			Ο
20	bps	2.7	-("6430052" "63495E3" "6320257" "6274978" "6126432" "6061134"	USPAT;	2003/02/			

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro r De fi ni ti on	Er ro rs
21	BRS	2	(("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014313" "5488380" "5333225" "5300810" "5276455").pn. ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) same (soloplate\$1 \$9plate))	USPAT; US-PGPUB				О
22	BRS	68	((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)), and ((fiber waveguide (wave nearl guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))	USPAT; US-PGPUB				0
23	BRS	10	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)); and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (blard\$1 card\$1)); and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2	USPAT; US-PGPUB				0

tear3 remov\$4
drain\$4 separat\$4
isolat\$5 | same

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro De fi ni ti on	Er rc rs
24	BRS	10	("6320257" "6274978" "6395999" "6263937" "6259846" "6228228" "6134110" "5682412" "4732446" "3710196").pn.	USPAT; US-PGPUB	2003/02/ 21 14:04			0
25	BRS		(("6320257" "6274978" "6395999" "6263937" "6259846" "628228" "6134110" "5682412" "4732446" "3710196").pn. ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) same (soloplate\$1 \$6plate substrate);	US-PGPUB				0
26	BRS	68	<pre>waveguide (wave nearl guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)+) and ((heat thermal) near? (remov\$4 drain\$4 separat\$4 isolat\$5))</pre>	USPAT; US-PGPUB	2003/02/ 21 17:14			0
			<pre>(( cool\$4 same  (liquid\$2 water fluid\$2 alcohol)* ) and *(interconnect\$5   connect\$5) same   ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1) )</pre>					

minumest of the intermed and wheat thermal near3 (remov\$4 the intermed intermediate inte

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro De fi ni ti on	Er ro rs
28	BRS	6	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave nearl guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5!))) and (heat near5 pipe\$1)	USPAT; US-PGPUB	2003/02/ 21 14:57			0
29	BRS		<pre>(((cool\$4 same   (liquid\$1 water   fluid\$2 alcehol))</pre>	USPAT; US-PGPUB			11 11 11 11 11 11 11 11 11 11 11 11 11	0
			(((coo.\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2					

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro De fi ni ti on	Er ro rs
31	BRS		((((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (heat\$3 same pipe\$1)) and (heat near5 (sink drain\$3))	USPAT;	2003/02/ 21 14:59			0
32	BRS	4	(("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014313" "5488380" "5333225" "5300810" "5276455").pn. ) and (heat\$3 same pipe\$1)	USPAT; US-PGPUB	2003/02/ 21 15:16			0
3 3	BES	2	((("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014213" "5486380" "5333225" "5300810" "5276455").pn. ) and (heat\$3 same pipe\$1)) and (heat\$3 same (drain\$3 sink))	USPAT; US-PGPUB				0
34	BRS	66071	(heat\$3 same (drain\$3 sink))	USPAT; US-PGPUB				0
			a sep	USPAT;	2003/02/			

	Туре	Hits	Search Text	DBs	Time Stamp	en	De	Er ro rs
36	BRS		<pre>(((cool\$4 same   (liquid\$2 water   fluid\$2 alcohol))   and ((interconnect\$5   connect\$5) same   ((printed circuit\$2   electr\$5 near7   (board\$1 card\$1))   and ((fiber   waveguide (wave near1   guid\$3;) same   ((printed circuit\$0   electr\$5 near7   (board\$1 card\$1))) and (((heat thermal)   near3 (remov\$4   drain\$4 separat\$4   isolat\$5))) and   ((heat\$3 same   (drain\$3 sink))) and   (heat\$3 same pipe\$1)</pre>	USPAT; US-PGPUB	2003/02/ 21 16:58			0
37	BRS	92	<pre>(((cool\$4 (heat near3 exchang\$3)) same (liquid\$1 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5 near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5 near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isclat\$5)))</pre>	USPAT; US-PGPUB				0

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro r De fi ni ti on	Er ro rs
38	BRS	6	(heat\$3 same pipe\$1) and ((((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (hoard\$1 card\$1)) and ((fiber waveguide (wave near) guid\$3)) same ((printed circuit\$2 electr\$5) near7 (hoard\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (heat\$3 same (drain\$3 sink))) and (heat\$3 same (ficool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber	USPAT; US-PGPUB				0
39	BRS	<b>'</b>	<pre>((((cool\$4 (heat near3 exthang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$1) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3+) same ((printed circuit\$2 electr\$5 near7</pre>	USPAT; US-PGPUB				0

irailie separatie sink .solatsi and .hear\$3 same (drain\$3 sink .and hear\$3 same ripo\$1

	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro r De fi ni ti on	Er ro rs
40	BRS	7	<pre>((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink)) and (pipe\$1)</pre>	USPAT, US-PGPUB				
41	BRS	1	(((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5))) and ((heat\$3 same (drain\$3 sink))) and (pipe\$1) not ((heat\$3 same pipe\$1) and ((heat\$3 same pipe\$1)) and (heat\$3 same pipe\$1)	USPAT; US-PGPUB				C

content\$5 same
printed circuit\$.
clestr\$5 near?
(board\$1 card\$1 c

	Туре	Hits	Search Text	DBs	Time Stamp	De fi	Er ro rs
42	BRS	17	<pre>((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (vias)</pre>	USPAT; US-PGPUB		9	0
43	BRS	14	<pre>(((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same   ((printed circuit\$2 electr\$5) near7   (board\$1 card\$1))) and ((fiber   waveguide (wave near1   guid\$3)) same     ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1))) and ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1)) and (( neat thermal)   near3 remov\$4   drain\$4 separat\$4   sink isolat\$1))) and ((heat\$3 same   (drain\$3 sink))) and   (vias); not     (("((cool\$4 (heat</pre>	USPAT; US-PGPUB			0
150/81			thmedish same printed directish lelectr\$5 near7 (board\$1 card\$1)*; and 'fiber				

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	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
45	BRS	146	<pre>(((cool\$4 heat) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))</pre>	USPAT; US-PGPUB	2003/02/ 21 17:07			0
46	BRS	10	<pre>((heat\$3 same   (drain\$3 sink))) and   (heat\$3 same pipe\$1)   and ((((cool\$4 heat)   same (liquid\$2 water   fluid\$2 alcohol)))   and ((interconnect\$5   connect\$5) same   ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1)))   and ((fiber   waveguide (wave near1   guid\$3)) same   ((printed circuit\$2   electr\$5) near7   (board\$1 card\$1)))   and (((heat thermal)   near3 (remov\$4   drain\$4 separat\$4   sink isolat\$5))))</pre>	USPAT; US-PGPUB				0

	Type	Hits	Search Text	DBs	Time Stamp	en	Er ro r De fi ni ti on	Er ro rs
47	BRS	3		USPAT; US-PGPUB				. 0
48	BRS	3	(("5488380" "5276455" "6314313").pn.) and ((cool\$4 (heat near3 exchang\$3)) ( heat thermal) near? (remov\$4 drain\$4 separat\$4 isolat\$5)))	USPAT; US-PGPUB				Ο
			((("5468380" "5276455" "6014313").pn.) and ((cool\$4 (heat near3					

is at #8 ...
- heat\$3 same
drain\$3 sink
.heat\$3 same pipe\$1

	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
50	BES	3	(((("5488380" "5276455" "6014313").pn.) and ((cocl\$4 (heat near3 exchang\$3)) ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (((heat\$3 same (drain\$3 sink))) (heat\$3 same pipe\$1))) and (cool\$4 pipe\$1)	USPAT; US-PGPUB				0
51	BRS	1	6014313.pn.	USPAT; US-PGPUB				0
52	BES	1	(thermal heat\$3 cool\$4))	USPAT; US-PGPUB				0
53	BRS	1	6014313.pn. and ((groove\$1 vias) same (thermal heat\$3 cool\$4) cool\$4)					0
54	BRS		6014313.pn. and ((groove\$1 vias chann\$4) same (thermal heat\$3 cool\$4) cool\$4)	USPAT; US-PGPUB				0
55	BRS	0	sploplate\$1 (solo aij1 plate\$1)	USPAT	2003/02/ 02 18:01			(i
56	BRS	2496	səleplate\$1 (sole adjl plate\$1)	USPAT	D003/02/			0
57	BRS	0	(spleplate\$1 (sole adj1 plate\$1); and ((selfoc near3 lens\$2) (lens\$2 near1 end near1 fiber\$1))	USPAT; US-PGPUB				0
-			(soleplate\$1 (sole adjl plate\$1:) and	rspat;	2403/02/			

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<u> </u>	over to graff. Far 181 - And Libers!	

	Туре	Hits	Search Text	DBs	Time Stamp	Co mm en ts	De fi	Er ro rs
60	BRS	87743	<pre>(interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))</pre>	USPAT	2003/02/ 22 18:31			0
61	BRS	106	<pre>((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) : and ((selfoc near3 lens\$2) (lens\$2 near1 end near1 fiber\$1))</pre>	USFAT	2003/02/ 10 19:06			0
62	BRS	n	((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((selfoc near3 lens\$2 near3 etch\$3) (lens\$2 near1 end near1 fiber\$1 near3 etch\$3))	USFAT	2003/02/ 20 19:01			0
63	BRS	0	<pre>((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ; and ((selfoc near3 lens\$2 near5 etch\$3) (lens\$2 near1 end near1 fiber\$1 near5 etch\$3))</pre>	USFAT	2003/02/ 22 19:05			О
64	BRS	U	<pre>((interponnept\$5 connept\$5) same ((printed pirquit\$2 eleptr\$5) near7 (board\$1 card\$1)) ) and (*selfod near3 lens\$2 with etch\$3) (lens\$2 near1 end near1 fiker\$1 with etch\$1)) ((interponnept\$5</pre>	USFAT	2003/02/ 22 19:06			0

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1 1 1		oli seliti imali	7124		F.		
		ylans\$2 same etch\$3					
		lens\$2 nearl end					
	1	nearl fiber\$1 same					
i i							

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	Туре	Hits	Search Text	DBs	Time Stamp	en	Er ro De fi ni ti on	Er ro rs
66	BRS		<pre>((interconnect\$5 connect\$5) same   ((printed circuit\$2 electr\$5) near7   (board\$1 card\$1)) ) and ((selfoc near3 lens\$2))</pre>	USPAT	2003/02/ 22 19:06	:		О